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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/693,815	10/24/2003	Gene DiPoto	ENDIUS.031A	1092
28075	7590	09/26/2007	EXAMINER	
CROMPTON, SEAGER & TUFTE, LLC			RAMANA, ANURADHA	
1221 NICOLLET AVENUE				
SUITE 800			ART UNIT	PAPER NUMBER
MINNEAPOLIS, MN 55403-2420			3733	
			MAIL DATE	DELIVERY MODE
			09/26/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/693,815	DIPOTO, GENE
	Examiner	Art Unit
	Anu Ramana	3733

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 19 July 2007.  
 2a) This action is FINAL. 2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-39 is/are pending in the application.  
 4a) Of the above claim(s) 1-16, 18, 23-28, 32, 33, 35 and 39 is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 17, 19-22, 29-31, 34 and 36-38 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 10/24/2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____.
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____.

## DETAILED ACTION

### ***Double Patenting***

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 17, 19-22, 29-31, 34 and 36-38 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 2, 26 and 47 of U.S. Patent No. 6,800,084 in view of Zucherman et al. (US 6,074,390).

Patented claims 2, 26 and 47 disclose all elements of the claimed invention except for the type of surgical procedure.

Zucherman et al. supply the missing element by teaching placement of an intervertebral stabilization device in a minimally invasive manner.

Claims 17, 19-22, 29-31, 34 and 36-38 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 3, 9, 17 and 25 of U.S. Patent No. 7,001,397 in view of Zucherman et al. (US 6,074,390).

Patented claims 3, 9, 17 and 25 disclose all elements of the claimed invention except for the type of surgical procedure.

Zucherman et al. supply the missing element by teaching placement of an intervertebral stabilization device in a minimally invasive manner.

Claims 17, 19-22, 29-31, 34 and 36-38 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 6 and 16 of U.S. Patent No. 7,108,705 in view of Zucherman et al. (US 6,074,390).

Patented claims 6 and 16 disclose all elements of the claimed invention except for the type of surgical procedure.

Zucherman et al. supply the missing element by teaching placement of an intervertebral stabilization device in a minimally invasive manner.

The Examiner also notes the following copending applications raising potential provisional obviousness-type double patenting rejections with claims in the instant application:

11/489,788

11/378,121

11/285,226

11/241,811

11/238,109

11/184,568

11/094,822

10/972,987

10/926,840

10/842,651

10/693,250

10/693,663

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 17, 19-22, 29-31, 34 and 36-38 are rejected under 35 U.S.C. 102(b) as being anticipated by Zucherman et al. (US 6,074,390).

Zucherman et al. disclose a method of treating adjacent vertebrae in a spine of a patient including the steps of: inserting an access device or cannula through a minimally invasive incision in the skin of a patient; expanding the access device by placing a plurality of cannula wherein the first smaller cannula is followed by a successively larger cannula; inserting an implant made of an elastic material through the largest cannula; and utilizing fasteners to fasten the implant to the adjacent vertebrae (Figs. 39 and 40, col. 1, lines 26-49, col. 4, lines 18-28, col. 9, lines 13-67 and col. 10, lines 1-14).

Regarding claims 30 and 36, Zucherman et al. disclose an implant in the form of a spring (Fig. 59 and col. 12, lines 23-31).

***Response to Arguments***

Applicant's arguments submitted under "REMARKS" in the response filed on July 19, 2007 have been fully considered but are not persuasive for the following reasons.

The use of the transitional phrase "comprising" does not exclude additional method steps that result in expanding the access device from a first configuration to a second configuration. Zucherman et al. teach a method of expanding an access device by placement of additional access devices or cannulae of increasingly larger diameters, to expand the first cannula or access device from a first configuration or arrangement or form to a second configuration or arrangement or form.

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anu Ramana whose telephone number is (571) 272-4718. The examiner can normally be reached Monday through Friday between 8:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eduardo Robert can be reached at (571) 272-4719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AR  
September 21, 2007

*Anuradha Ramana*  
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